

March 2007

## Bowers & Wilkins 600 Series: More technology, more performance and more value for money

Bowers & Wilkins has re-designed and significantly improved one of its most successful and popular speaker ranges - the 600 Series. Featuring engineering techniques and technologies directly derived from the award winning 800 Series, this new 600 Series is no incremental refinement - it represents a huge leap forward in performance and offers levels of technology that have previously not been attainable at this price level.



### New 600 Series Technology and Design

All elements of each of the new 600 Series speakers have been revised and improved. The aluminium dome Nautilus™ tube tweeter features a neodymium magnet system for increased sensitivity, a copper plated pole-piece for extended high frequency response, an edge-wound voice coil for lower voice-coil mass, and a new surround material that lowers the fundamental resonance frequency. This tweeter is the most technologically advanced that B&W has ever offered in an entry-level product range and it brings high-frequency smoothness, detail and clarity rarely heard in speakers at this price.



Nautilus™ tube-loaded  
aluminium dome tweeter

The new 600 Series bass/midrange and FST™ midrange drivers feature a new open profile cast chassis, a new design of fixed phase-plug that minimises the possibility of air-noise, a new surround profile that smoothes the midrange response and a copper clad pole piece that improves integration with the tweeter. These developments, combined with B&W's renowned Kevlar® cone technology, result in drivers that, like the new 600 Series tweeter, set new standards for an entry-level product range.



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The new 600 Series crossover circuits are all ear-tuned minimum slope 1st-order designs made possible by the extraordinarily wide bandwidth and linear response of the drivers.

For the new 600 Series, B&W's industrial designers chose an aesthetic based on tactile feel as well as stylish appearance. Profiled, soft touch front panels that conceal the driver chassis and fixings are combined with a range of contemporary finishes - Wengé, Black Ash, Light Oak and Red Cherry. A new diamond-cut B&W logo integrated with the brushed aluminium tweeter trim adds a jewel-like finishing touch.

**The new 600 Series comprises two stand/wall-mount speakers, two floor-stand speakers, two centre channel speakers and three active subwoofers.**

#### **New 600 Series Stand/Wall-Mount Speakers**

The stand/wall mount 600 Series speakers are the 686 and 685. The 686 incorporates a 130mm (5") Kevlar® cone bass/midrange driver and a 25mm aluminium dome tweeter in a compact Flowport™-loaded enclosure. The 685 combines the same tweeter with a 165mm (6.5") Kevlar® cone bass/midrange driver in a slightly larger Flowport™-loaded enclosure.



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#### **New 600 Series Floor-Stand Speakers**

The floor-stand 600 Series speakers are the 684 and 683. The 684 is a compact 2½-way design incorporating two 165mm (6.5") Kevlar® cone bass/midrange drivers and a 25mm aluminium dome tweeter in a 930mm (36.6") tall dual Flowport™-loaded enclosure. The 683 is a 3-way design incorporating two 165mm (6.5") aluminium/paper/Kevlar® composite cone bass drivers, a 150mm (6") FST Kevlar® cone midrange driver and a 25mm aluminium dome tweeter in an elegantly slim, 1040mm (40.9") tall, Flowport™-loaded enclosure.



HTM61



HTM62

#### **New 600 Series Centre Channel Speakers**

The centre channel 600 Series speakers are the HTM62 and HTM61. The HTM62 combines two 130mm (5") Kevlar® cone bass/midrange drivers and a 25mm aluminium dome tweeter in a Flowport™-loaded enclosure. The HTM61 is a 3-way design incorporating a 165mm (6.5") Kevlar® cone bass driver, a 150mm (6") FST Kevlar® cone midrange driver and a 25mm aluminium dome tweeter in a Flowport™-loaded enclosure.

#### **New 600 Series Subwoofers**

The 600 Series subwoofers are the ASW608, ASW610 and ASW610XP. The ASW608 combines a 200mm (8") carbon/paper composite driver with a 200-Watt Class D amplifier in an extremely compact closed box enclosure. The ASW610 combines the same 200-Watt amplifier with a 250mm (10") carbon/paper composite driver and a slightly larger closed box enclosure. The ASW610XP combines an up-rated 250mm carbon/paper composite driver with a 400-Watt Class D amplifier in, again, a slightly larger enclosure. Thanks to employing driver engineering and amplifier design techniques originally developed for the PV1 subwoofer, the new 600 Series subwoofers offer a remarkable combination of compact dimensions and low-frequency ability.



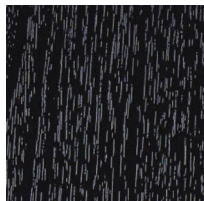
ASW608



ASW610 / ASW610XP



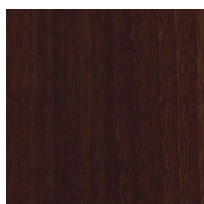
Light Oak



Black Ash



Red Cherry



Wengé

The 600 Series subwoofers incorporate a full range of input and control facilities to enable effective integration with either home theatre or conventional stereo systems. In either application they provide fast, extended and class-leading low-frequency performance.

### **New DS3 Selectable Dipole/Monopole Rear Channel Speaker**

Completing the range for Home Cinema, the new DS3 incorporates a 130mm (5") Kevlar® cone bass/midrange driver and a 25mm aluminium dome tweeter. In addition, two 80mm (3") midrange/high frequency drivers are included allowing a versatile package that can be switched between dipole or monopole operation.

### **New 600 Series Home Theatre Packages**

To aid the selection of 600 Series products in home theatre systems B&W is recommending the following combinations:

#### **685 Theatre**

1 pair 685  
1 pair 686  
1 x HTM62  
1 x ASW608

#### **684 Theatre**

1 pair 684  
1 pair 686  
1 x HTM62  
1 x ASW610

#### **683 Theatre**

1 pair 683  
1 pair DS3  
1 x HTM61  
1 x ASW610XP

Further information about Bowers & Wilkins products can be found at:  
[www.bowers-wilkins.com](http://www.bowers-wilkins.com)

### **Available press resources:**

Photofile CD  
Brochure

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